

Report for 2002AK5B: Investigation of Fouling in Membrane Bioreactors for Wastewater Treatment

- Conference Proceedings:
 - Psoch, C. and S. Schiewer. 2004. Comparison and combination of air sparging and back flushing on a membrane bioreactor. In: Proceedings of the 9th World Filtration Congress (WFC9), New Orleans, April 18-22 2004. 10pp.
 - Psoch, C. and S. Schiewer. 2003 Air sparging in membrane bioreactors to enhance permeate flux and aeration. In: Proceedings of the 5th International Membrane Science and Technology Conference (IMSTEC), Sydney, November 10-14 2003, 6pp.
 - Psoch, C. and S. Schiewer. 2003. Strategies for enhanced performance of wastewater treatment in membrane bioreactors. In: Proceedings of ASCE/EWRI World Water & Environmental Resources Congress, Philadelphia, 2003, 10pp.
- Other Publications:
 - Psoch, C. and s. Schiewer. 2004 Air sparging and backflushing in membrane bioreactors. In: Abstracts of the 7th CST workshop Fouling and Critical Flux, FCF04, Lappeenranta, Finland, June 16-18 2004 (oral presentation and abstract).
 - Psoch, C. and S. Schiewer. 2004. Air sparging in membrane bioreactors (MBR) of different types. In: Abstracts of the 15th annual meeting, North American Membrane Society (NAMS), Hawaii, June 26-30 2004 (oral presentation and abstract).
 - Psoch, C. and S. Schiewer. 2004. Comparison and combination of air sparging and back flushing on a membrane bioreactor. In: Abstracts of the 9th World Filtration Congress, New Orleans, April 18-22 2004 (oral presentation and abstract).
 - Psoch, C. and S. Schiewer. 2004. Air sparging in a membrane bioreactor (MBR) for performance enhancement. In: Abstracts of the Annual meeting, Alaska section of the American Water Resources Association (AWRA), Fairbanks, April 6-8 2004 (oral presentation and abstract).
 - Psoch, C. and S. Schiewer. 2003. Fouling reduction by air sparging in synthetic wastewater filtration. 14th annual meeting, North American Membrane Society (NAMS), Jackson Hole, 2003 p. 97, 147 (oral presentation and abstract).
 - Psoch, C. and S. Schiewer. 2003. Air sparging in membrane bioreactors for oxygenation in wastewater treatment. 14th annual meeting, North American Membrane Society (NAMS), Jackson Hole, 2003 p. 140, 199 (oral presentation and abstract).
- unclassified:
 - Psoch, C. and S. Schiewer. 2004. Anti-fouling application of air sparging and backflushing for MBR and NOM retention in raw water filtration. In: Abstracts of the Water Environment Membrane Technology (WEMT 2004) conference of the International Water Association (IWA), Seoul, Korea, June 7-10 2004 (abstract).

Report Follows

No proposal PDF is available for 2002AK5B.